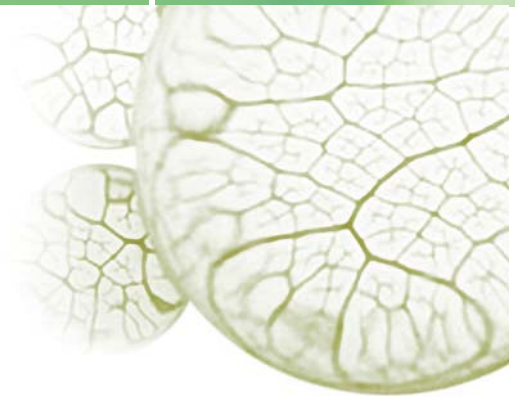
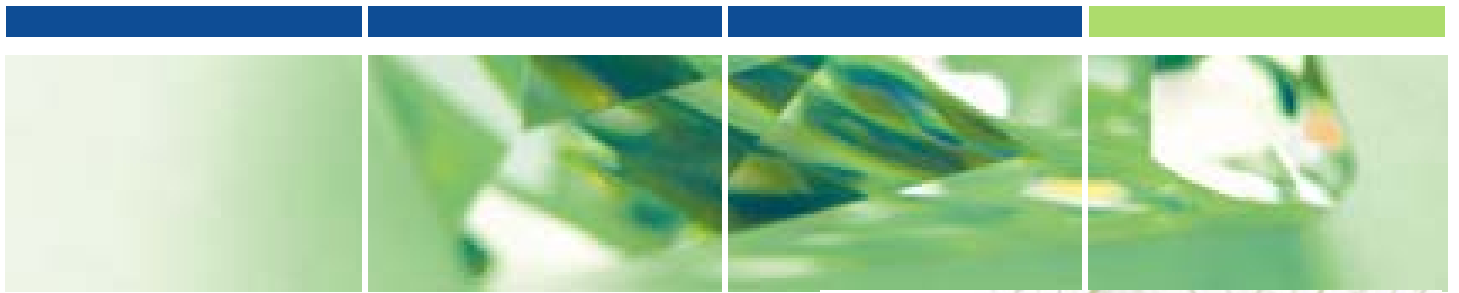




Cyclosystem Complexes

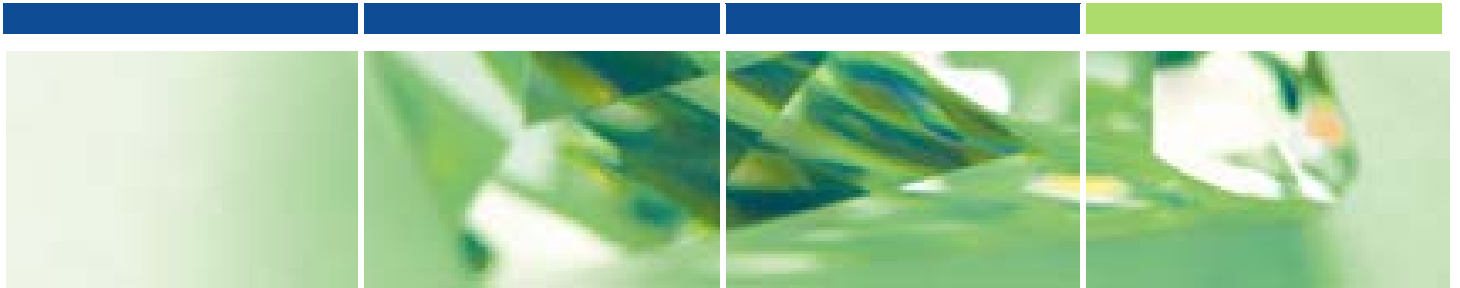


Overview Cyclosystem Complexes

Cyclosystem Complexes are encapsulations of cyclodextrins with different functional ingredients. These cyclodextrin complexes are well known for their time-release and protecting effect of actives. Time-release effect may result in increased efficacy, long-lasting effect or reduced irritation potential, dependant on the encapsulated active.

<u>Product</u>	<u>Recommended use level</u>	<u>Activity</u>
CC Caffeine 50% (Code 9020)	2-5%	-Anti-cellulite -Activating
CC Dihydroxyacetone (DHA) 50% (Code 9320)	4-8% 2-4%	-Self-tanning agent -CC DHA combined with pure DHA
CC Glycolic Acid 50% (Code 9299/B)	2-8%	-Anti-wrinkle -Exfoliating
CC Idebenone 50% Code 9583	0.5-3%	-Synthetic analogue of Coenzyme Q10 -Important antioxidant and anti-ageing
CC L-Carnitine 20% (Code 9176)	2-5%	-Anti-cellulite -Cell regenerating
CC Menthol 50% (Code 9026)	0.2-2%	-Long-lasting cooling effect -Refreshing
CC Retinol (33'000 IU/g) (Code 25001)	> 2.7% (>900 IU/g)*	-Anti-ageing -Regenerating
CC Retinyl Palmitate (300'000 IU/g) (Code 9124 A)	0.3-1.2% (900-3600 IU/g)*	-Anti-ageing -Regenerating
CC Salicylic Acid 50% (Code 9291)	2-8%	-Exfoliating
CC Tea Tree Oil 15% (Code 9130)	1-5%	-Anti-microbial -Reduced smell and time-release effect

* 900-3600 IU/g corresponds to a dosage of 0.05-0.2% Vitamin A what is recommended for personal care products



RAHN AG
Dörflistrasse 120
CH-8050 Zürich
Tel. +41 44 315 42 00
Fax +41 44 315 42 45
cosmetics@rahn-group.com
www.rahn-group.com

RAHN GmbH
Hahnstrasse 70
DE-60528 Frankfurt am Main
Tel. 0800 1 816 015
Fax 0800 1 816 016

RAHN (UK) Ltd.
75 Park Road
GB-Peterborough PE1 2TN
Tel. 0800 0 323 743
Fax 0800 0 323 744

RAHN USA Corp.
1005 North Commons Drive
Aurora, Illinois 60504, USA
Tel. +1 630 851 42 20
Fax +1 630 851 48 63

Disclaimer

Utilisation of this document or parts thereof as well as product names for commercial or industrial applications is subject to explicit written approval by RAHN AG. This information is based on our own experience to date and we believe it to be reliable. It is intended only as a guide to use at your discretion and risk. We cannot guarantee favourable results and assume no liability in connection with its use, or the use of the methods or products described. None of this information is to be taken as a license to operate under, or a recommendation to infringe patents.

Version: 03/2009



RAHN | Cosmetics

Your partner for excellence